

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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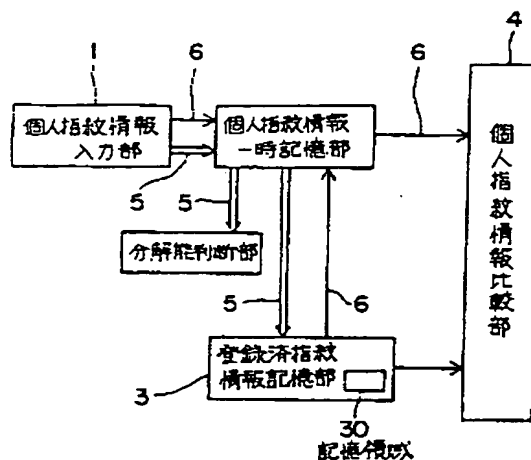
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APPLICANT : FUJITSU LTD;

INVENTOR : INAGAKI YUSHI;

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TITLE : INDIVIDUAL COLLATION DEVICE BY  
FINGER PRINT



**ABSTRACT :** PURPOSE: To reduce the collation time by providing a resolution discrimination section receiving an output of a finger print information tentative storage section and discriminating the resolution of the finger print and a storage area storing the resolution being the output of the discrimination section and using the required resolution for processing in case of the collation.

**CONSTITUTION:** In the registration processing at first, the finger print information from an individual finger print information input section 1 is inputted to a resolution discrimination section via an individual finger print information tentative storage section and the width of ridge and public line is checked as to the finger print information. As a result, the information whether or not it is required to store the finger print information is to be stored with high resolution is obtained and the result is sent to a registered finger print information storage section 3 and stored in a storage area 30. Then the finger print data from a tentative storage section is stored in a storage section 3 in relation to the information in the area 30. In case of the collation, the finger print information inputted from the input section 1 is inputted to the tentative storage section and processed by the prescribed resolution in response to the resolution from the area 30 of the storage section 3 and the result is sent to the individual finger print information comparison section 4. Thus, a prescribed processing in the comparison section 4 is attained quickly to reduce the collation time.

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